UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

25096

7590

02/22/2007

PERKINS COIE LLP PATENT-SEA P.O. BOX 1247 SEATTLE, WA 98111-1247

EXAM	INER					
DHINGRA, RAKESH KUMAR						
ART UNIT	PAPER NUMBER					

1763

DATE MAILED: 02/22/2007

	APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
,	10/646,607	08/21/2003	Lingyi A. Zheng	108298717US	2264

TITLE OF INVENTION: MICROFEATURE WORKPIECE PROCESSING APPARATUS AND METHODS FOR BATCH DEPOSITION OF

MATERIALS ON MICROFEATURE WORKPIECES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	05/22/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notificat	ed below or directed oth	nerwise in Block 1, by (a	a) specifying a new co	orresp	ondence address;	and/or	(b) indicating a sepa	rate "FE	E ADDRESS" for
CURRENT CORRESPONDE	ENCE ADDRESS (Note: Use Bi	ock 1 for any change of address)		Feetc	Transmittal This	c certif	can only be used for icate cannot be used for such as an assignme ling or transmission.	any of	her accompanying
25096	7590 02/22	/2007					of Mailing or Trans		
PERKINS COI PATENT-SEA P.O. BOX 1247				I here States addres transn	by certify that thi Postal Service w ssed to the Mail	s Fee(s ith suf Stop	b) Transmittal is being ficient postage for firs ISSUE FEE address 1) 273-2885, on the decimal of the second secon	deposite t class m above, c	ed with the United hail in an envelope or being facsimile ated below.
SEATTLE, WA	98111-1247				•				(Depositor's name)
									(Signature)
									(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR		ATTO	RNEY DOCKET NO.	CONFI	RMATION NO.
10/646,607	08/21/2003		Lingyi A. Zheng				108298717US		2264
FITLE OF INVENTION MATERIALS ON MICR		WORKPIECE PROCI	ESSING APPARATU	US A	ND METHODS	FOR	BATCH DEPOSIT	ION OI	F
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE D	UE 1	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE		DATE DUE
nonprovisional	NO	\$1400	\$300		\$0		\$1700		05/22/2007
EXAM	INER	ART UNIT	CLASS-SUBCLASS						
DHINGRA, RAI	KESH KUMAR	1763	118-728000						
CFR 1.363). Change of correspond Address form PTO/SB "Fee Address" indi PTO/SB/47; Rev 03-0. Number is required.	ence address or indication ondence address (or Cha 3/122) attached. ication (or "Fee Address' 2 or more recent) attach	nge of Correspondence	2. For printing on to (1) the names of use or agents OR, alter (2) the name of a sergistered attorney 2 registered patent listed, no name will the DATENIT (assets).	ip to 3 mative single or ago attorn	registered patent ly, firm (having as a ent) and the name eys or agents. If r rinted.	members of up	era 2		
	ess an assignee is identi n in 37 CFR 3.11. Comp	fied below, no assignee eletion of this form is NO	•	he pate g an as	ent. If an assigne signment.			ocument	has been filed for
Please check the appropri	ate assignee category or	categories (will not be pr	inted on the patent):	O i	ndividual 🗆 Co	rporati	on or other private gro	up entity	Government
	o small entity discount p	ermitted)	D. Payment of Fee(s): (A check is enclosed in Payment by credit in The Director is he overpayment, to Director is necessarily and the overpayment.	ed. t card. reby a	Form PTO-2038 uthorized to charg	is atta	ched. equired fee(s), any de	iciency,	
a. Applicant claims	rus (from status indicated s SMALL ENTITY statu	s. See 37 CFR 1.27.	☐ b. Applicant is no	longe	r claiming SMAL	L ENT	TTY status. See 37 CF		
NOTE: The Issue Fee and nterest as shown by the r	Publication Fee (if requeecords of the United Sta	uired) will not be accepted tes Patent and Trademark	d from anyone other th Office.	nan the	applicant; a regis	stered a	ttomey or agent; or th	e assigne	e or other party in
Authorized Signature					Date				
Typed or printed name	;				Registration No	o			···
This collection of information application. Confident ubmitting the completed his form and/or suggestic Poy 1450. Alexandre Victoria and the confidence of t	ation is required by 37 C iality is governed by 35 application form to the ons for reducing this bur	FR 1.311. The information U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the NOT SEND FEES OR (1997).	on is required to obtain 1.14. This collection is depending upon the in the Chief Information O	or ret s estin ndivid	ain a benefit by the nated to take 12 mual case. Any cor U.S. Patent and This case.	ne publi ninutes nments fradem	c which is to file (and to complete, including on the amount of tin ark Office, U.S. Depa	by the Ug gatherine you re	JSPTO to process) ng, preparing, and equire to complete f Commerce, P.O.

Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/646,607	08/21/2003	Lingyi A. Zheng	108298717US	2264	
25096	7590 02/22/2007		EXAM	INER	
PERKINS CO	IE LLP		DHINGRA, RAI	KESH KUMAR	
PATENT-SEA	·	ART UNIT	PAPER NUMBER		
P.O. BOX 1247 SEATTLE, WA	98111-1247		1763 DATE MAILED: 02/22/200	7	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 224 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 224 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.